

FIG. 1

$$(R^{1})_{q} = (III) \qquad (R^{1})_{3} = (IV)$$

$$(R^{1})_{0} = (R^{1})_{3} = (WW) = (R^{1})_{3}$$

$$(R^{1})_{0} = (WI)$$

$$(R^{1})_{0} = (WI)$$

$$(R^{1})_{0} = (WI)$$

$$(R^{1})_{0} = (WII)$$

$$(R^{1})_{0} = (WIII)$$

FIG. 2

$$E \xrightarrow{(R^1)_2} E \qquad (IX)$$

$$= (R^1)_2$$

$$(R^{1})_{2}$$
 $(R^{1})_{2}$
 $(R^{1})_{2}$
 $(R^{1})_{2}$
 $(R^{1})_{2}$

$$(R^{1})_{4}$$

$$(XI)_{0}$$

$$(R^{1})_{2}$$

$$(XI)_{0}$$

$$(R^{1})_{4}$$
 $(R^{1})_{2}$
 $(R^{1})_{4}$
 (XII)
 $(R^{1})_{2}$

REPLACEMENT SHEET

METALLIC COMPLEXES COVALENTLY BOUND TO CONJUGATED POLYMERS AND ELECTRONIC DEVICES CONTAINING SUCH COMPOSITIONS

Inventor: Norman Herron et al.
Application No.: 10/625096
Docket No.: PE0696USNA
Attorney: Mary Ann Capria

FIG. 5

FIG. 4
$$\begin{cases} 0_2P(0) - Z & (XIII) \\ 0_xP(0) - (LG-P(0)_r0_2)_y & (XIV) \\ 0_2P(S) - LG-P(0)0_2 & (XV) \end{cases}$$

$$\begin{pmatrix} R^{1} & (XVI) \\ R^{1} & (XVII) \end{pmatrix}$$

$$R^{1} & (XVIII)$$

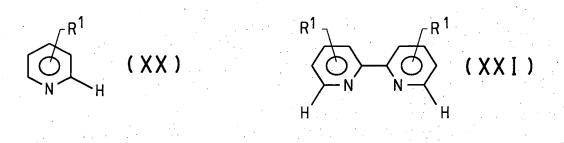


FIG. 6

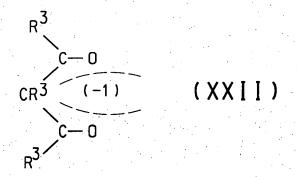


FIG. 7

FIG. 8

FIG. 9

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$$R = \frac{R}{R} + \frac{R}{R} = \frac{Pd (PPh_3)_4}{K_2CO_3} + \frac{R}{R} = \frac{R$$

FIG. 10

$$\begin{array}{c|c}
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 & R^7 & \\
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FIG. 11

$$L-P+ < CI > P+-L (XXXV)$$

FIG. 12

$$R^8$$
 OH HO R^9 (XXXVI)

FIG. 13

FIG. 14

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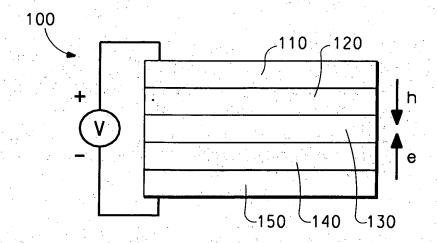


FIG. 16